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(54) Title: METHODS FOR EXTRACTION AND CONCENTRATION OF HYDROPHILIC COMPOUNDS FROM HYDROPHOBIC LIQUID MATRICES

(57) Abstract: Methods for extraction and concentration of hydrophilic compounds, biological materials or particles dispersed or distributed in hydrophobic liquid matrices are disclosed. In order to improve yield the extraction is carried out using a capture solution comprising an extractant. The extract is well suited for the purpose of detection and /or quantification of contaminants in hydrophobic liquids. The preferred extractants are amphoteric or anionic phospholipids (e.g. lecithins) and anionic surfactants, as well as mixtures of these, optionally containing also non-ionic surfactants.